ABSTRACT OF THE DISCLOSURE

Systems and methods for mapping and matching laboratory results and tests. Laboratory results provided by legacy systems are not usually in a format that is compatible with LOINC, which defines laboratory results and tests using six attributes. Known LOINC codes are placed in a health data dictionary using relationship tables. At the health data dictionary, attributes corresponding to LOINC definitions are derived from the laboratory data provided by legacy systems and is placed in relationship tables that correspond to the relationship tables previously created and placed in the health data dictionary. The laboratory data from the legacy system is then compared with the standard data of the health data dictionary in order to match the legacy data to a standard value. This laboratory data from the legacy system, because it is matched, is thereby standardized and may be stored in a CPR. In this manner, data provided by legacy systems may be matched, mapped or translated using a health data dictionary, which contains a defined format even when the data from the legacy system is in a different format.

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WORKMAN, NYDEGGER & SEELEY
A PROFESSIONAL CORPORATION
ATTORNEYS AT LAW
1000 EAGLE GATE TOWER
60 EAST SOUTH TEMPLE
SALT LAKE CITY, UTAH 84111